

[SM-LSM-001] local site mover installation

in local machine

lsm client

```
# yum repository setup
$ cat /etc/yum.repos.d/gov.bnl.sm.repo
[gov-bnl-sm]
name=BNL Storage Management group repository - stable
baseurl=http://dctest10.usatlas.bnl.gov/storage
enabled=0
gpgcheck=0

$ cat /etc/yum.repos.d/gov.bnl.sm.ext.repo
[gov-bnl-sm-externals]
name=BNL Storage Management group repository - externals
baseurl=http://dctest10.usatlas.bnl.gov/storage/externals
enabled=0
gpgcheck=0

# installation
$ yum --enablerepo=gov* install py24-gov-bnl-lsm
```

lsm client tests

```
$ yum --enablerepo=gov* install py24-gov-bnl-lsm-test
```

in AFS

lsm client

```
$ ssh -l pecfs dctest10
$ cd svn/storage

$ ./sw-install-afs gov.bnl.lsm /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm/0.9.0
$ ./sw-install-afs gov.bnl.sm /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm/0.9.0

$ cd ../sla-matrix
$ ./sw-install-afs gov.bnl /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm/0.9.0

$ chmod 775 /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm/0.9.0/bin/*
```

lsm client tests

```
$ ssh -l pecfs dctest10
$ cd svn/storage

$ ./sw-install-afs gov.bnl.lsm.test /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm/0.9.0
$ ./sw-install-afs gov.bnl.sm.test /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm/0.9.0

$ chmod 775 /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm/0.9.0/bin/*

## for testing...
### grab the queuedata from schedconfig

$ cd /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm

$ cat schedconfig-get
curl -sS "http://gridui05.usatlas.bnl.gov:25880/server/pandamon/query?tpmes=pilotpars&queue=BNL_ATLAS_1-condor" > queuedata.dat

$ ./schedconfig-get
$ ls -la queuedata.dat
-rw-r--r-- 1 pecfs rhstaff 1930 Mar 9 12:18 queuedata.dat

## getting local site mover code
```

```
$ cat code-get
rm -rf pilot
mkdir pilot
wget http://www.usatlas.bnl.gov/svn/panda/pilot3/dCacheSiteMover.py -O pilot/dCacheSiteMover.py
wget http://www.usatlas.bnl.gov/svn/panda/pilot3/LocalSiteMover.py -O pilot/LocalSiteMover.py
wget http://www.usatlas.bnl.gov/svn/panda/pilot3/SiteMover.py -O pilot/SiteMover.py
wget http://www.usatlas.bnl.gov/svn/panda/pilot3/futil.py -O pilot/futil.py
wget http://www.usatlas.bnl.gov/svn/panda/pilot3/pUtil.py -O pilot/pUtil.py
wget http://www.usatlas.bnl.gov/svn/panda/pilot3/PilotErrors.py -O pilot/PilotErrors.py
wget http://www.usatlas.bnl.gov/svn/panda/pilot3/config.py -O pilot/config.py
wget http://www.usatlas.bnl.gov/svn/panda/pilot3/timed_command.py -O pilot/timed_command.py
chmod 774 pilot
chmod -Rf g+w pilot

$ ./code-get

### setting the pilot test environment
$ cd /afs/usatlas.bnl.gov/i386_redhat72/opt/lsm/
$ source setup.test.sh
$ ./test-pilot-localsitemover-get
$ ./test-pilot-dcachesitemover-get
```

Add Comment